

Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

APR 02 2004

Page 1 of 4

Application Number

10/712360

Filing Date

November 13, 2003

First Named Inventor

Guerra, Miguel A.

Art Unit

1711

Examiner Name

Unknown

Attorney Case Number

59393US002

U.S. Patent Documents

Exam. Init.*	Doc. Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
	A1	US- 3,635,926	01/18/1974	Gresham et al.	
	A2	US- 4,000,356	12/28/1976	Weisgerber et al.	
	A3	US- 4,073,752	02/14/1978	Ramp, R. L.	
	A4	US- 4,214,060	07/22/1980	Apotheker et al.	
	A5	US- 4,230,549	10/28/1980	D'Agostino et al.	
	A6	US- 4,242,498	12/30/1980	Rosser et al.	
	A7	US- 4,281,092	07/28/1981	Breazeale, A. F.	
	A8	US- 4,330,654	05/18/1982	Ezzell et al.	
	A9	US- 4,334,082	06/08/1982	Resnick, P. R.	
	A10	US- 4,414,159	11/08/1983	Resnick, P. R.	
	A11	US- 4,440,917	04/03/1984	Resnick, P. R.	
	A12	US- 4,454,247	06/12/1984	Resnick, P. R.	
	A13	US- 4,470,889	09/11/1984	Ezzell et al.	
	A14	US- 4,508,603	04/02/1985	Ukihashi et al.	
	A15	US- 4,686,024	08/11/1987	Scherer, Jr. et al.	
	A16	US- 4,743,419	05/10/1988	Bierschenk, T. R.	
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	A18	US- 4,981,932	01/01/1991	Blaise et al.	
	A19	US- 5,260,351	11/09/1993	Logothetis, A. L.	
	A20	US- 5,264,508	11/23/1993	Ishibe et al.	
	A21	US- 5,527,861	06/18/1996	Logothetis, A. L.	
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	A27	US- 6,011,074	01/04/2000	Sorenson et al.	
	A28	US- 6,090,895	07/18/2000	Mao et al.	

*Examiner:

DNC DRW

Date Considered:

7/7/06

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Substitute for form 1449A/PTO (modified)	Application Number	10/712360
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	November 13, 2003
(Use as many sheets as necessary)	First Named Inventor	Guerra, Miguel A.
Page 2 of 4	Art Unit	1711
APR 02 2004 PATENT & TRADEMARK OFFICE U.S. DEPARTMENT OF COMMERCE	Examiner Name	Unknown
	Attorney Case Number	59393US002

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	A29	US- 6,225,368 B1	05/01/2001	D'Agostino et al.	
	A30	US- 6,242,123 B1	06/05/2001	Nezu et al.	
	A31	US- 6,254,978	07/03/2001	Bahar et al.	
	A32	US- 6,255,370 B1	07/03/2001	Vizcaino et al.	
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	A34	US- 6,355,370 B2	03/12/2002	Katoh et al.	
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D	B1	DE	26 24 203 (Abstract)	12/23/1976			
	B2	DE	26 38 791 (Abstract)	03/03/1977			
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	B9	FR	2 387 260 (Abstract)	11/10/1978			
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	B11	JP	8-239494 (Abstract)	09/17/1996			
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	B13	JP	53-29291 (Abstract)	03/18/1978			
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	B20	JP	2001-176524 (Abstract)	06/29/2001			
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	B25	WO	94/03503	02/17/1994			
	B26	WO	99/38897 (Abstract)	08/05/1999			
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*Examiner:

Date Considered:

7/7/02

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		Ctry. Code	Number-Kind Code (If known)				
✓	B28	WO	01/27167 A1	04/19/2001			
✓	B29	WO	01/87992 A2 (Abstract)	11/22/2001			
✓	B30	WO	01/96268 A2 (Abstract)	12/20/2001			
✓	B31	WO	02/062749 A1 (Abstract)	08/15/2002			
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✓	B35	WO	03/004463 A1 (Abstract)	01/16/2003			
✓	B36	WO	03/022892 A2 (Abstract)	03/20/2003			
✓	B37						

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
✓	C1	10/325,278 Filed 12/19/2002; POLYMER ELECTROLYTE MEMBRANE; (57929US002)
✓	C2	Kirk-Othmer, <u>Encyclopedia of Chemical Technology</u> , 3d ed., Vol. 10, (1980), pp. 840 - 851.
✓	C3	

*Examiner:

Dc Guerra

Date Considered:

7/7/05

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First Named Inventor

Guerra, Miguel A.

Art Unit

1711

Examiner Name

Ana Lucrecia Woodward

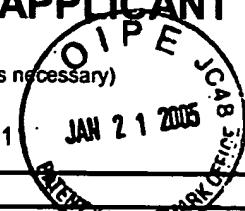
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		Doc. Number-(Kind Code if Known)			
✓	A1	US- 3,282,875	11/01/1966	Connolly et al.	
✓	A2	US- 6,274,677 B1	08/14/2001	Tatemoto	
✓	A3	US- 6,498,216 B1	12/24/2002	Cheng	
✓	A4	US- 6,667,377 B2	12/23/2003	Feiring et al.	
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	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
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	A11	US-			

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	C2		
	C3		

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7/7/06

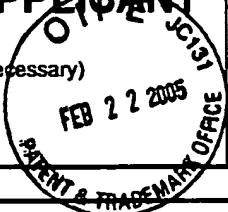
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	A1	US- 4,218,542	08/19/1980	Ukihashi et al.	
	A2	US- 4,602,045	07/22/1986	Markus et al.	
	A3	US- 5,330,626	07/19/1994	Banerjee	
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	A8	US-			

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		Ctry. Code	Number-Kind Code (If known)				
DD	B1	EP	0 422 231 B1	12/27/1995			
DD	B2	EP	1 091 435 A1	04/11/2001	Daikin Industries, Ltd.		
DD	B3	WO	97/17381	05/15/1997	AlliedSignal Inc.		
	B4						
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DD	C1	Gab-Jin Hwang et al.; "Preparation Of Cation Exchange Membrane As A Separator For The All-Vanadium Redox Flow Battery", Journal of Membrane Science, Elsevier Scientific Publ. Company, Amsterdam, NL, Vol. 120, No. 1, October 30, 1996, pp. 55 - 67.	
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	C3		

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7/7/06

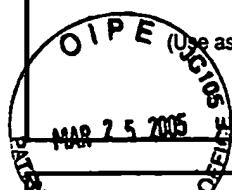
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W	A1	US- 4,169,023	09/25/1979	Sata et al.	
	A2	US- 4,268,650	05/19/1981	Rose	
	A3	US- 4,391,844	07/08/1983	Baczek et al.	
	A4	US- 4,734,474	03/29/1988	Hamada et al.	
	A5	US- 5,795,496	08/18/1998	Yen et al.	
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	A8	US-			
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		Ctry. Code	Number-Kind Code (if known)				
W	B1	EP	1 238 999 A1	09/11/2002			
W	B2	GB	1,184,321	03/11/1970			
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	B5						

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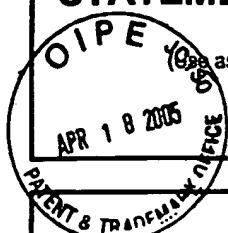
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		Ctry. Code	Number-Kind Code (if known)				
✓	B1	JP	2001-354641	12/25/2001	Asahi Glass Co Ltd.		X (machine)
✓	B2	JP	2002-003466	01/09/2002	Asahi Glass Co Ltd.		X (machine)
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	A1	US- 3,784,399	01/08/1974	Grot	
	A2	US- 3,853,828	12/10/1974	Wall, deceased et al.	
	A3	US- 6,872,781 B2	03/29/2005	Hedhli et al.	
	A4	US- 2004/0241518 A1	12/02/2004	Yang	
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*Examiner:	<i>Ana Lucrecia Woodward</i>	Date Considered:	<i>7/7/05</i>
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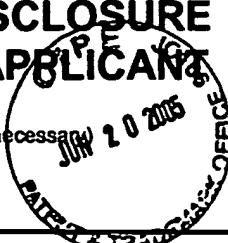
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Page 1 of 1

Application Number	10/712360
Filing Date	November 13, 2003
First Named Inventor	Guerra, Miguel A.
Art Unit	1711
Examiner Name	Ana Lucrecia Woodward
Attorney Case Number	58393US002

U.S. Patent Documents

Exam. Int'l.	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
✓	A1	US- 2005/0098442 A1	05/05/2005	Thaler et al.	
✓	A2	US- 2005/0107488 A1	05/19/2005	Yandrasits et al.	
	A3	US- 2005/0107489 A1	05/19/2005	Yandrasits et al.	
	A4	US- 2005/0107490 A1	05/19/2005	Yandrasits et al.	
	A5	US- 2005/0113628 A1	05/26/2005	Jing et al.	
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Foreign Patent Documents

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		Ctry. Code	Number-Kind Code (if known)				
	B1						
	B2						
	B3						
	B4						
	B5						

OTHER DOCUMENTS

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	C1		
	C2		
	C3		

*Examiner: *Ana Lucrecia Woodward*Date Considered: *7/7/06*

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Art Unit

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Attorney Case Number

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	A3	US-			
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	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			

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	C1		
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11/16

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11	A1	US- 5,852,148	12/22/1998	Behr et al.	
	A2	US-			
	A3	US-			
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			

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